WHAT IS CLAIMED IS:

1. A black ink composition comprising (1) water, (2) carbon black, and (3) a fine particle emulsion,

wherein (A) the content of said carbon black is less than $0.4\ \mathrm{wt}$ %, and

wherein (B) the solid content of said fine particle emulsion is 20 times or more the content of said carbon black.

- 2. The black ink composition according to claim 1, wherein the content of said carbon black is 0.01 wt% or more.
- 3. The black ink composition according to claim 1 or 2, wherein said fine particle emulsion comprises at least one of a polyalkylene emulsion and an emulsion containing a pH-adjusted resin as a resin component,

wherein said pH-adjusted resin is obtained by a process comprising the steps of:

polymerizing an ethylenically unsaturated carboxylic acid monomer and another monomer copolymerizable with said ethylenically unsaturated carboxylic acid monomer in the presence of an alcoholic hydroxyl group-containing watersoluble polymer compound or a copolymerizable surfactant to give a copolymer having an acid value of 40 or less; and

adjusting the pH of said copolymer with an inorganic base.

- 4. The black ink composition according to claim 3, wherein said inorganic base used for preparing said pH-adjusted resin is an alkali metal hydroxide or an alkaline earth metal hydroxide.
 - 5. The black ink composition according to claim 3 or 4, wherein said alcoholic hydroxyl group-containing water-soluble polymer compound used for preparing said pH-adjusted resin is a vinyl alcohol polymer.
- 6. The black ink composition according to claim 3, 4 or 5, wherein said ethylenically unsaturated carboxylic acid monomer used for preparing said pH-adjusted resin is an acrylic acid or a methacrylic acid.
- 7. The black ink composition according to any one of claims 3 to 6, wherein said monomer copolymerizable with said ethylenically unsaturated carboxylic acid monomer used for preparing said pH-adjusted resin is an ethylenically unsaturated carboxylate monomer.
- 8. The black ink composition according to any one of claims 3 to 7, wherein the pH of said emulsion containing the pH-adjusted resin as a resin component is from 8 to 11.

- 9. The black ink composition according to any one of claims 3 to 8, wherein said polyalkylene emulsion is a polyethylene emulsion or a polypropylene emulsion.
- 10. The black ink composition according to any one of claims 3 to 9, wherein the total content of the solids content of said pH-adjusted resin and said polyalkylene emulsion is from 0.5 wt% to 20 wt% on the basis of the total weight of the black ink composition.
- 11. The black ink composition according to any one of claims 1 to 10, further comprising a complementary colorant.
- 12. The black ink composition according to any one of claims 1 to 11, which is an ink composition for ink jet recording.
- 13. An ink set comprising a black ink composition according to any one of claims 1 to 12 and a black ink composition having a higher carbon black concentration and being darker than said black ink composition.
- 14. The ink set according to claim 13, comprising:
 a black ink composition according to any one of
 claims 1 to 12;

a black ink composition for medium gradation containing carbon black in an amount of from 0.4 wt% to 1.5 wt% on the basis of the total weight of the black ink composition for medium gradation; and

a darker black ink composition containing carbon black in an amount of from 1.5 wt% to 10 wt% on the basis of the total weight of the darker black ink composition.

- 15. The ink set according to claim 14, wherein the black ink composition for medium gradation comprises at least one of:
- a black ink composition containing carbon black in an amount of from 0.4 to 1 wt%; and
- a black ink composition containing carbon black in an amount of from 1 to 1.5 wt%.
- 16. The ink set according to claim 14 or 15, wherein the black ink composition for medium gradation contains a fine particle emulsion, and the solid content of said fine particle emulsion is 2 times or more the content of the carbon black contained therein.
- 17. The ink set according to claim 16, wherein said fine particle emulsion of said black ink composition for medium gradation comprises at least one of a polyalkylene

emulsion and an emulsion containing a pH-adjusted resin as a resin component,

wherein said pH-adjusted resin is obtained by a process comprising the steps of:

polymerizing an ethylenically unsaturated carboxylic acid monomer and another monomer copolymerizable with said ethylenically unsaturated carboxylic acid monomer in the presence of an alcoholic hydroxyl group-containing watersoluble polymer compound or a copolymerizable surfactant to give a copolymer having an acid value of 40 or less; and

adjusting the pH of said copolymer with an inorganic base.

- 18. A recording method of performing recording by ejecting a droplet of an ink composition to attach the droplet on a recording medium by using an ink set according to any one of claims 13 to 17.
- 19. A recorded matter which is recorded by a recording method according to claim 18.